

Chains for Forklift

Forklift Chain - The life of the lift truck lift chains can be lengthened with proper maintenance and care. Lubricating properly is actually an excellent way to be able to lengthen the capability of this forklift component. It is really vital to apply oil occasionally making use of a brush or whichever lube application device. The frequency and volume of oil application must be sufficient to be able to prevent any rust discoloration of oil in the joints. This reddish brown discoloration normally signals that the lift chains have not been properly lubricated. If this particular condition has occurred, it is extremely imperative to lubricate the lift chains at once.

It is typical for some metal to metal contact to occur all through lift chain operation. This could result in parts to wear out eventually. The industry standard considers a lift chain to be worn out when 3% elongation has happened. So as to stop the scary possibility of a disastrous lift chain failure from taking place, the maker very much suggests that the lift chain be replaced before it reaches 3 percent elongation. The lift chain lengthens due to progressive joint wear that elongates the chain pitch. This elongation could be measured by placing a certain number of pitches under tension.

To be able to ensure proper lift chain maintenance, one more factor to think about is to check the clevis pins on the lift chain for indications of wearing. Lift chains are put together so that the clevis pins have their tapered faces lined up with each other. Usually, rotation of the clevis pins is commonly caused by shock loading. Shock loading happens when the chain is loose and then suddenly a load is applied. This causes the chain to go through a shock as it 'snaps' under the load tension. Without the correct lubrication, in this situation, the pins could rotate in the chain's link. If this particular scenario happens, the lift chains should be replaced right away. It is essential to always replace the lift chains in pairs to ensure even wear.